

IN THE CLAIMS

1-12. (Canceled)

13. (New) A screen, comprising:

a base; and

an optical multilayer film on the base, said optical multilayer film being comprised of $(2n+1)$ layers (where n 1, 2 or 3), which have a high reflection property with respect to light in a specific wavelength region including one of the wavelength regions of red, green and blue and a high transmission property with respect to at least regions of red, green and blue light and a high transmission property with respect to at least visible light in a wavelength region other than said specific wavelength region,

wherein,

said base is transparent and two oppositely facing surfaces, and

said optical multilayer film comprises a stacked structure in which a first optical film layer having a relatively higher refractive index and a second optical film layer having a relatively lower refractive index than that of said first optical film layer are alternately stacked on one another, each of an outmost layer and an innermost layer of said optical multilayer film being formed by a first optical film layer.

14. (New) The screen according to claim 1, further comprising on the outermost layer of said optical multilayer film a light diffusion layer for diffusing light reflected by optical multilayer film.

15. (New) The screen according to claim 1, wherein each first optical film layer has a first thickness and each second optical film layer has a second thickness different than said first thickness.

16. (New) A method for producing a screen including an optical multilayer film on oppositely facing surfaces of transparent base, each optical multilayer film being

comprised of $(2n+1)$ layers where n is an integer equal to or greater than 1), which have a high reflection property with respect to light in a specific wavelength region including one of the wavelength regions of red, green and blue light and a high transmission property with respect to at least visible light in a wavelength region other than said specific wavelength region, said method comprising the steps of:

a first coating step of forming a first optical layer having a relatively higher refractive index, on both of said surfaces of said transparent base, by dipping said transparent base into a liquid, , and;

a second coating step of forming on said first optical film layer a second optical layer having a relatively lower refractive index than that of said first optical film by dipping said transparent base into a liquid, ;

wherein,

said first coating step and said second coating step are alternately conducted until a total number of layers is from 3 to 7 layers, and

an outmost layer and innermost layer of said optical multilayer film are comprised of a first optical film layer..

17. (New) The method for producing a screen according to claim 16, comprising the further step of:

forming a light diffusion layer, for diffusing light reflected by optical multilayer film, on the outermost layer of said optical multilayer film.

18. (New) The method for producing a screen according to claim 16, wherein each first optical film layer has a first thickness and each second optical film layer has a second thickness different than that of said first optical film layer.